muon detector systems status

- Priorities
    - improve operational efficiency
    - improve the reliability of the CCU system
    - install the miniskirt
- Things which we are making progress
    - SE miniskirt has been fine since the shutdown; west being instrumented and checked out now in the assembly hall
    - CCU "trips" understood, plan for fix in place, being implemented
    - IMU trigger implemented through L1/L2 (need L3)
    - MUSC00 mess fixed
- Things which we are making little progress on
    - inefficiencies in CMU (17W, 7E)
    - various noise problems in CMU
    - trigger/reco. for miniskirt
        - primitives for cmx ok, need work on csx; track extrapolation
        - reco. at least is creating muons (per objectmon)
        - we want any problems resolved before coming out of the shutdown
    - infrastructure
        - various mcs issues
        - We have as many TDC spares as we've ever had, becomes a bigger issue when miniskirts go in (need 3)
            - w.r.t. single channel problems I've decided to stop bitching and learn to love the bomb
- Things somewhere in between
    - monitoring/calibration -
        - smart YMon code for BMU/BSU/TSU
        - difficult to keep up with things that come and go, no calibration for CMU
    - a number of puzzling things we are pursuing with offline types

muon detector systems status

- Plans for the shutdown
    - CMU***
        - pull arch, fix 17w
    - CMP*
        - rewire HV on bottom
        - improve air flow and monitoring of humidity in the sub floor
    - IMU**
        - upgrade CCU software
    - CMX***
        - install west miniskirt, do ne in situ
        - fix the worst remaining chunks of dead channels
        - fix keystone

    - *** = degree of difficulty